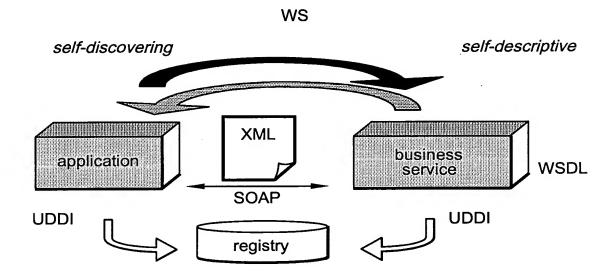


◆ Partners, suppliers, customers



Web Services Related Art **FIG. 1a**

(Business Service

Application
Transport
Network)

Transactions + Security + Mgmt
WS
SOAP (XMLP)
HTTP HTTP/SSL SMTP ...

WS Protocol Stack Related Art

FIG. 1b

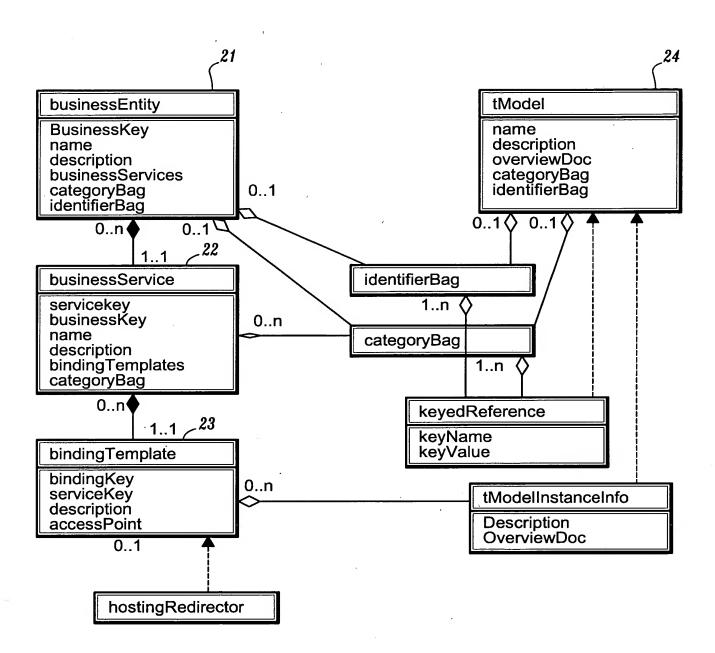
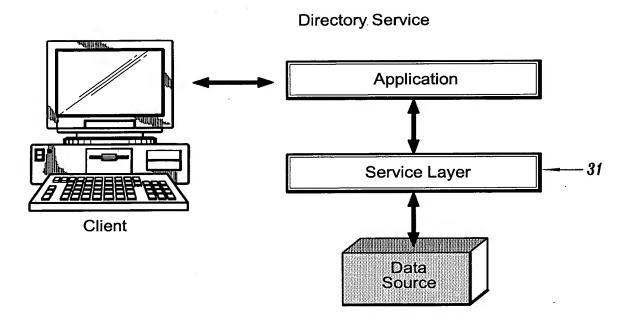


FIG. 2



Related Art **FIG. 3**

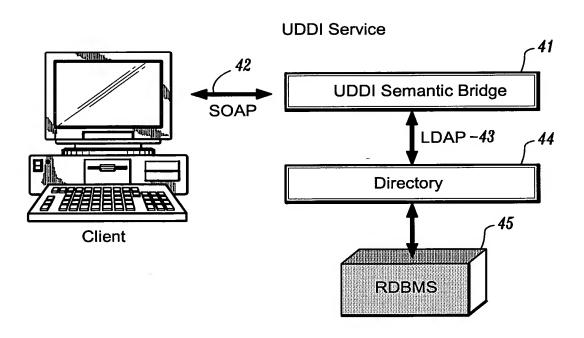


FIG. 4

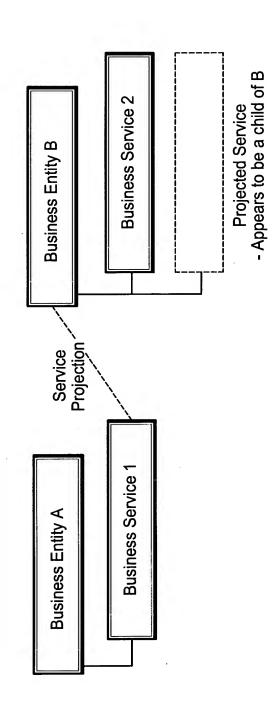
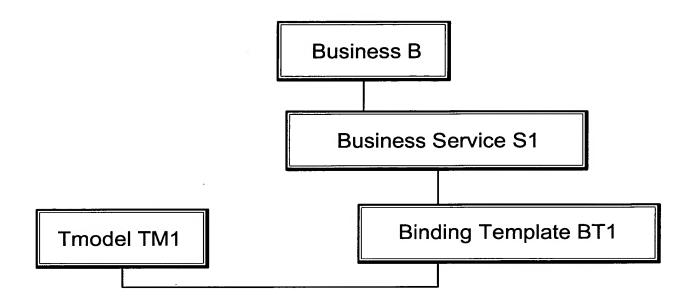
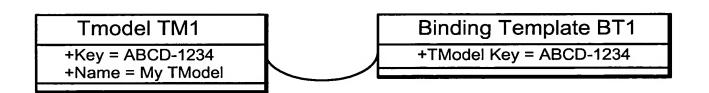


FIG. 5



Binding Template/Tmodel relationship

FIG. 6



Primary & Foreign Keys **FIG. 7**

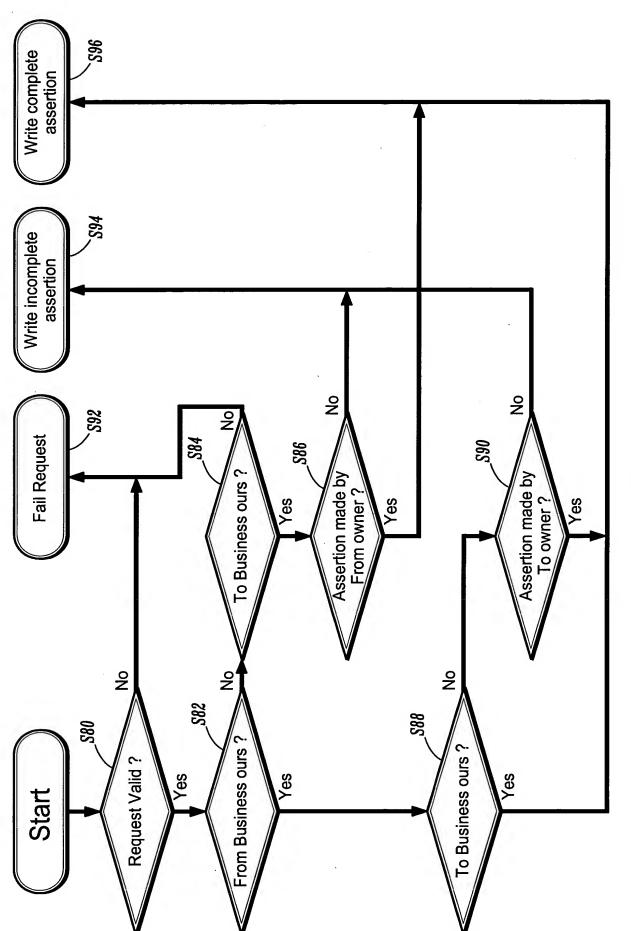


FIG. 8

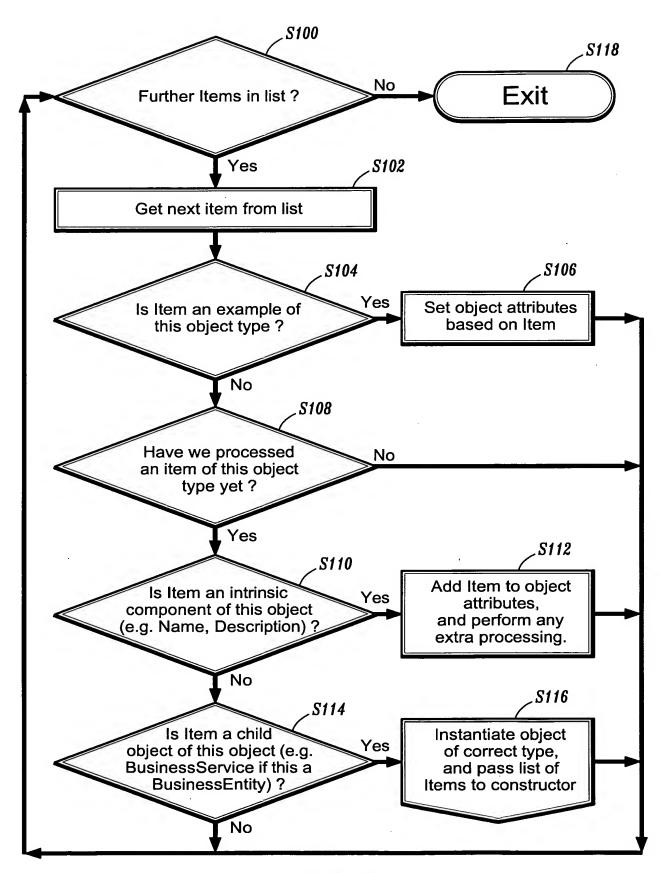


FIG. 9

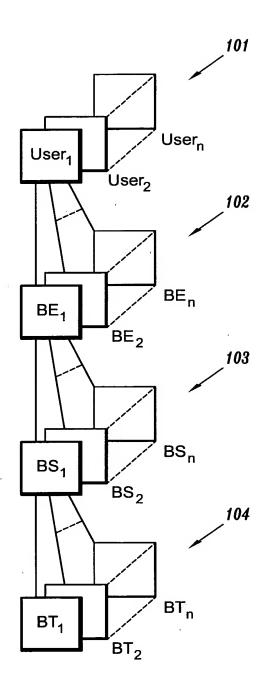


FIG. 10

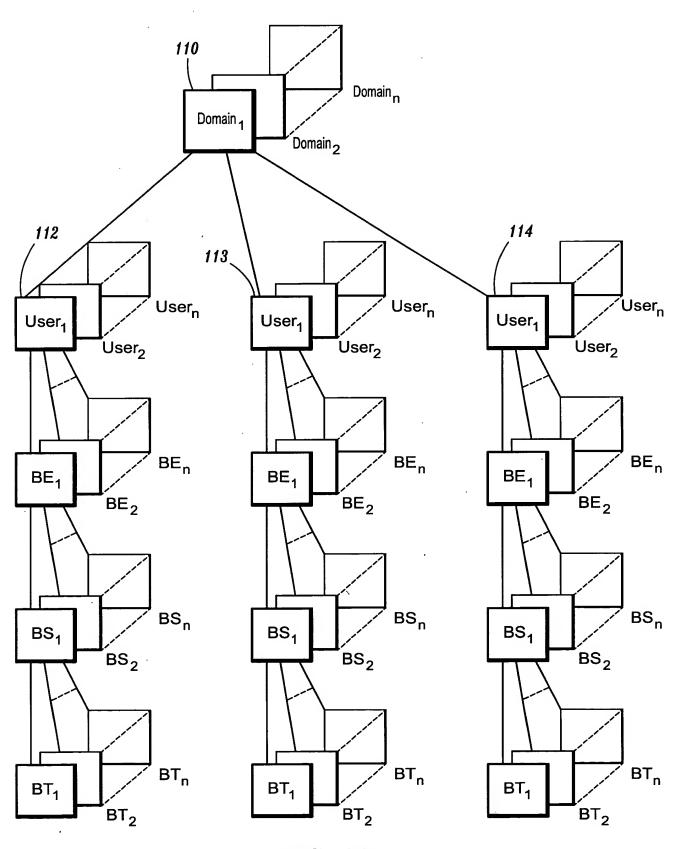


FIG. 11

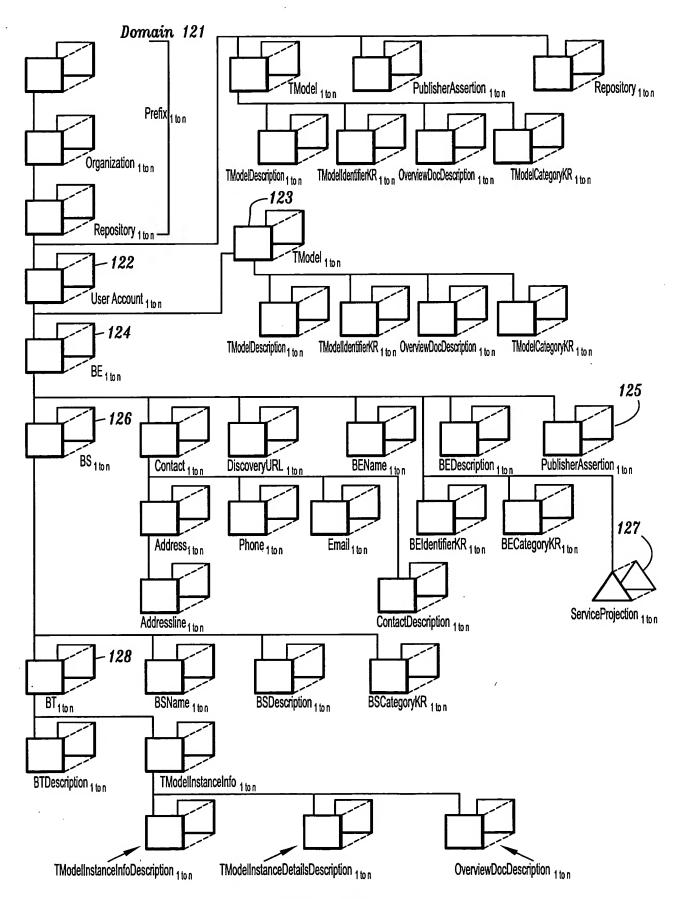
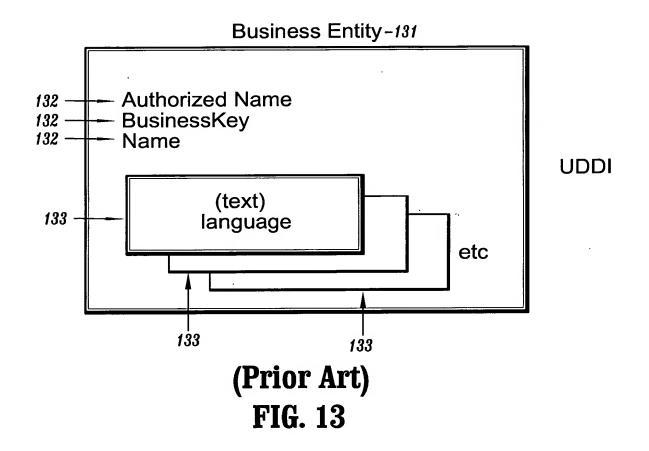
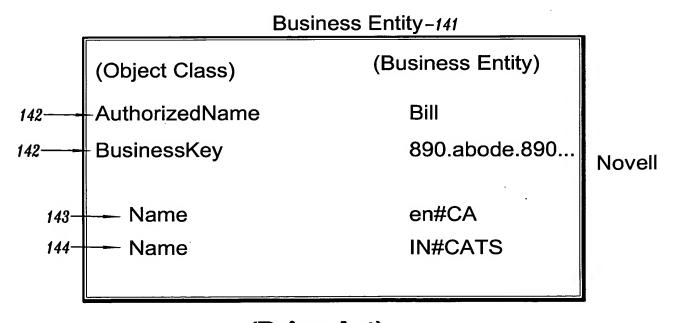


FIG. 12





(Prior Art) FIG. 14

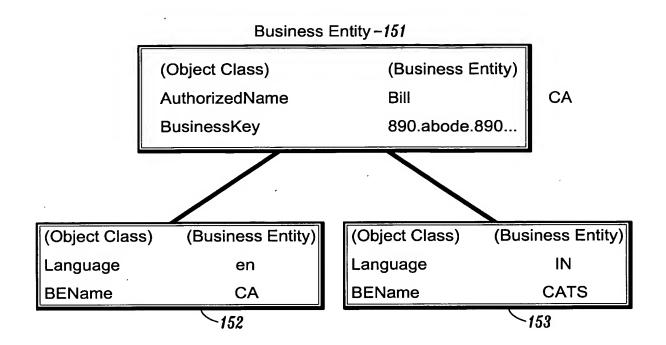


FIG. 15UDDI Relationship Diagram

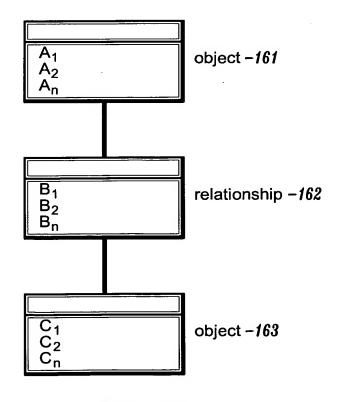


FIG. 16

Directory Hierarchy Diagram

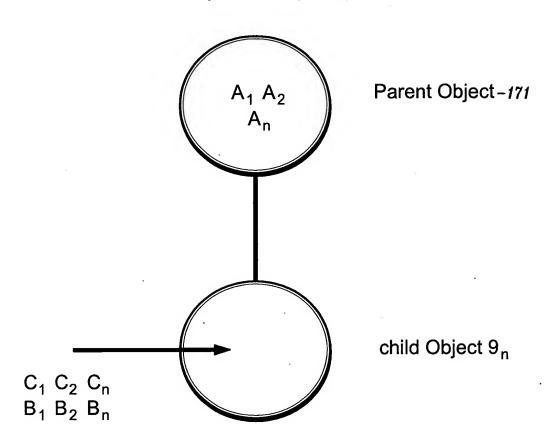


FIG. 17

